

OL 266-87
B+C 3-1

CONFIDENTIAL

MEMORANDUM FOR: Director of Information Technology

FROM: John M. Ray
Director of Logistics

SUBJECT: New Headquarters Building Occupancy Dates

REFERENCE

- A. Memo for D/OL fm D/OIT dtd 1 May 87, Subj: Availability of Communications Service in the New Headquarters Building
- B. Memo for Acting Chief, NSEG/OIT; Chief, ESG/OIT fm C/NBPO, dtd 20 Mar 87, Subj: NHB Facility Requirements
- C. Memo for C/NBPO/OL fm C/NBCPO/OIT, dtd 15 Oct 86, Subj: New Headquarters Building Access

1. I appreciate reference A confirmation that OIT will provide secure and non-secure data and voice service to New Headquarters Building (NHB) occupants by 18 January 1988. However, I am concerned that some critical dates noted in paragraph two of reference A differ from those provided to the New Building Project Office (NBPO) earlier by OIT components. Unfortunately, we have planned our activities around the dates provided earlier, and cannot at this time accelerate them.

2. Specifically, we need to clarify two points regarding the unnumbered subparagraphs to paragraph two of reference A. For ease of discussion, I will refer to them as subparagraphs (a) and (b). Subparagraph (a) states that UPS power and air conditioning in the first floor core area must be available by 1 August 1987. We noted in paragraph three of reference B that UPS power will be available 1 September 1987. This is 30 days earlier than you requested in reference C. You should also be aware that we had previously informally advised OIT personnel that reliable chilled water will be available on the first floor computer room by September 1987, but the chilled water tanks which provide the uninterruptible feature will not be available until 15 November 1987. Our goal is to complete the additional modifications to walls, doors, and other physical hardware in the first floor core area not later than 1 August 1987.

3. With respect to subparagraph (b), our target date for BOD of the North Tower closets is 1 July. If the floor cells mentioned in subparagraph (b) are in fact the floor tile cutouts in the office areas (there are no "floor cells" on floors 1-6 of the North Tower), these will be available by 1 September as noted in reference B. This exceeds your requirement as stated earlier in reference C by 30 days. Perhaps the originator of reference A inadvertently associated the 1 August date in subparagraph (a) with UPS power and airconditioning and similarly included

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OL 2064-87



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the reference to floor cells by 1 July in subparagraph (b). I would appreciate it if you would clarify these two points for us.

4. In another matter related to the provision of service to the NHB, we have had an opportunity to informally examine the Jerome Industries power supply which may be used by the new data phones proposed for the NHB. These power supplies are not compatible with the duplex outlets being installed in the NHB. We suggest that this situation be resolved before it impacts the move of components into the NHB. Should you require OL input on this issue or any of the items discussed in paragraph two, please contact [redacted] Chief, NBPO, on extension [redacted]

John M. Ray

Attachments:
A-C

25X1 OL/NBPO [redacted] 19May87

Distribution:

Orig - Addressee
1 - OL/NBPO Subject
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1 - OL Files

CONFIDENTIAL



OIT-0222-87

01 MAY 1987

OIT/TRIS
LOGGED

MEMORANDUM FOR: Director of Logistics

FROM: Edward J. Maloney
Director of Information Technology

SUBJECT: Availability of Communications Service
in the New Headquarters Building

REFERENCE: A. Memo for AC/NSEG fm C/NBPO/OL, 2035-87, dtd 3 Apr 87 Subj:
NHB Facility Requirements
B. Memo for AC/NSEG fm C/NBPO/OL, 2030-87, dtd 20 Mar 87 Subj:
NHB Facility Requirements

1. As a result of the reference memorandum and follow-up meetings with the New Building Project Office (OL-NBPO) and the Facilities Management Division (OL-FMD), we have taken an in-depth look at the activities that will be required after BOD to provide staff level communications service in the New Headquarters Building (NHB). Based on our most recent estimates, OIT will be able to provide secure and non-secure data and voice service to NHB occupants

25X1 on 18 January 1988.

2. The in-service date of 18 January is predicated on the following:

BOD of the first floor core area with functional UPS power and air conditioning and wall construction completed in the PBX hardware area, by 1 August 1987.

North Tower phone closets and floor cells available by 1 July 1987.

25X1

3. We realize that the events detailed in paragraph 2 may be divided between FMD and NBPO and we will be working closely with them to ensure that all requisite coordination takes place in a timely manner so that occupancy schedules can be met. Should the schedules in paragraph 2 require changes at a later date, we would evaluate the realism of an 18 January occupancy date at

25X1 hat time.

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SUBJECT: Availability of Communications Service in the New Headquarters Building

25X1 4. The OIT point of contact for providing communications services in the
25X1 NHB is the New Building Communications Program Manager, [redacted]

25X1 [redacted]

25X1

[redacted]

Edward J. Maloney

CONFIDENTIAL

3 April 1987

MEMORANDUM FOR: Acting Chief, NSEG/OIT
Chief, ESG/OIT

FROM:

Chief, New Building Project Office, OL

SUBJECT: NHB Facility Requirements

REFERENCE: Multi-Adse Memo, OL 2030-87, dtd 20 Mar 87, Same Subject

In reviewing paragraph 3 of reference, we note that it is ambiguous regarding the dates that OIT may have access to the second and third floors of the Computer Areas in the New Headquarters Building. To clarify, we expect that the second floor Computer Area will be available by 1 July 1987 and the third floor by 1 September 1987 for OIT to pull cables or perform other preliminary work.

OL 2035-87

20 March 1987

MEMORANDUM FOR: Acting Chief, NSEG/OIT
Chief, ESG/OIT

STAT
FROM:

Chief, New Building Project Office, OL

SUBJECT: NHB Facility Requirements

REFERENCE: A: NBCPD-013-87 dtd 27 Feb. 1987
B: OIT-0753-86 dtd 29 Aug. 1986
C: Memo for D/OIT fm D/OL dtd 5 June 1986

1. Additional utility services for the B/B and computer rooms will be provided per references.

2. We plan to have the North B/B room available for you to pull cables or perform other preliminary work by 17 April. We hope to have interim cooling and power in place and operational by 15 May 1987. Power Distribution Modules with uninterruptible power and air handlers should be in place and operational by 30 June 1987. Uninterruptible chilled water, which originates in the South Tower, will not be available until 15 November 1987.

3. The first floor computer area will be available on 1 May 1987 for you to pull cables and/or perform other preliminary work. Power and air conditioning is scheduled to be available by 1 July 1987. By 1 September 1987, the first, second, and third floor computer centers will be complete including UPS power and chilled water service. To ensure that completion of your areas is not delayed, you should contact Facilities Management Division, OL, as soon as possible regarding reference C, Category II requirements.

3. In addition to the dates discussed above, for planning purposes, we project the following dates for the North Tower. Similar dates will be provided later for the South Tower.

North Tower Phone Closets Available	7/01/87
North Tower Available for Local Cable Pulls	9/01/87
Initial Tenant Move-in (North Tower)	1/1/88

4. The first occupant of the New Headquarters Building, OSWR, is scheduled to move into the third, fourth, and fifth floors of the North Tower in January 1988. The OSWR move is the first of a complex chain of

OL 2030-87

moves required to carry out relocations directed by Agency senior managers. As I understand it, there is a commitment to move the Office of Imagery Analysis out of NPIC by March 1989. That deadline cannot be met if OL cannot begin to move components into the North Tower in January 1988. When the first occupants move in, the areas must be totally complete from a facility and data standpoint. That is, they must have the same services that they now have in the original Headquarters Building.

5. Therefore, we all must ensure that our schedules work toward occupancy of the North Tower with full services beginning in early January 1988.

STAT



C O N F I D E N T I A L

OIT-0753-86
29 August 1986

MEMORANDUM FOR: Chief, New Building Project Office, OL

25X1 FROM:

[Redacted]

Chief, New Building Communications Program
Office, OIT

25X1 SUBJECT: NBCPO's Response to New Building Construction
Modifications Memorandum, Reference A [Redacted]

REFERENCE: A. Memo for D/OIT fm D/OL, Dtd 5 Jun 86,
Subj: New Building Construction Modifications

B. OIT-0372-86, dated 13 May 86, Subj:
New Building Construction Modifications

25X1 1. It is our understanding that OIT's response to the
reference A memorandum is being handled on an issue by issue
basis. Consequently, we are addressing here a major item in
reference A which will adversely impact the New Building
Communications Program Office. [Redacted]

25X1 2. Basically, we are pleased with OL's understanding and
response to our request for modifications to the communications
center portions of the new building. There is however, one item
we consider to be an oversight in the design of the new building,
and that is the absence of non-secure wire closets in the core
area. The six IDF closets cited under Category II (B7) of
reference A, should have been provided to serve as wire closets
for the local distribution of non-telephone service in these
areas. Non-secure telephone wire closets have been provided in
all other areas of the new building with the exception of the
core area. [Redacted]

25X1 3. It is for this reason, and the fact that they are a
necessity if phone service is to be provided in these areas, that
we request you reconsider your position on this issue and provide
the requested wire closets facilities. [Redacted]

25X1 [Redacted]

[Redacted]

C O N F I D E N T I A L

C O N F I D E N T I A L

SUBJECT: NBCPO's Response to New Building Construction
Modifications Memorandum, Reference A [REDACTED]

25X1

4. We would be pleased to discuss this issue further with
you or appropriate members of your staff should you desire to do
so. Please contact [REDACTED] on secure extension [REDACTED]

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C O N F I D E N T I A L

CONFIDENTIAL

27 February 1987
NBCPD-013-87

MEMORANDUM FOR: Chief, New Building Project Office, OL

25X1 FROM:

Chief, New Building Communications Program
Division, NSEG/OIT

25X1 SUBJECT: NHB North and South B/B Rooms Facility
Requirements

REFERENCES: A. Memorandum from D/OL to D/OIT; dated 5 June
1986
B. OIT-0891-86; dated 15 October 1986

1. This memorandum is provided as a result of discussions held in the B/B-C/C TAIT of 20 February 1987 between representatives of NBPO, NBCPD and FACC. It is intended to clarify the facility fit-up requirements for the New Headquarters Building (NHB) North and South B/B rooms (0C012 and 0G038 respectively). As outlined in previous discussions and correspondence, the fit-up facility requirements for both the North and South B/B rooms are as follows:

- a. 18-inch raised floor in each room.
- b. UPS power in the form of two (2) 75 KVA PDM's (one for RED power and one for BLACK power).
- c. Two (2) air handling units (AHU) per room, one of which is required for redundancy.
- d. Two (2) ground plates (one for RED signal ground and one for BLACK signal ground).

2. Discussions at the TAIT focused on the fact that the quantity of power and cooling required by the equipment planned for the B/B rooms was considerably less than what had been requested by NBCPD. The initial complement of equipment planned for these rooms requires the following facilities:

a. NORTH B/B ROOM

RED power - 7.13 KVA
BLACK power - 1.2 KVA
Cooling - 28.5 KBTU/HR

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25X1 SUBJECT: NHB North and South B/B Rooms Facility Requirements

b. SOUTH B/B ROOM

RED power - 14.76 KVA

BLACK power - 1.2 KVA

Cooling - 54.5 KBTU/HR

25X1 The initial complement of equipment occupies only about one-fifth of the usable space. Since these rooms occupy key locations in the NHB, we anticipate additional equipment, not identified at this time, to be installed in the future.

25X1 3. It is therefore requested that these rooms be equipped with power and cooling commensurate with the requirements for other technical equipment areas in the NHB (i.e. 30-watts per square foot, with the appropriate cooling). In the case of the North and South B/B rooms, we estimate our maximum facility requirements per room to be 36 KVA of power and 123 KBTU/HR of equipment cooling load. These maximum capacities are coupled with our further requirements for two PDM's (for the separation of RED and BLACK power), two grounding plates (for the separate of RED and BLACK signal grounds) and two AHU's (or redundancy).

25X1 4. Also discussed during the TAIT was early access to the B/B rooms and other areas of the NHB. Reference (B) outlined our needs on this issue and we reaffirm that request at this time. Please advise us of the probability of meeting the requested access dates as much of our planning is keyed to that access.

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5 JUN 1986

MEMORANDUM FOR: Director of Information Technology
FROM: John M. Ray
Director of Logistics
SUBJECT: New Building Construction Modifications
REFERENCE: OIT-0372-86, dtd 13 May 1986, Same Subject

Ed

In response to reference, I requested that Chief, New Building Project Office (NBPO) review the proposed modifications. Attached herewith is a copy of his comments. I agree with C/NBPO's recommendations and reservations. We would like to discuss these issues with you or your representatives as soon as possible least more precious time be lost.

STAT



John M. Ray

cc: C/NBPO

MEMORANDUM FOR: Director of Logistics

STAT FROM:

Chief, New Building Project Office, OL

SUBJECT: New Building Construction Modifications

REFERENCE: Memo for D/OL fm Acting D/OIT, dtd 13 May 86, Same Subject

1. At your request, we have reviewed the referent document. We have regrouped items so that the totality of the Office of Information Technology (OIT) changes requested for each area could be addressed in a manner similar to that employed by our General Services Administration construction manager and by a construction contractor. What follows is our analysis of the OIT request:

a. Ground Floor - increase raised floor height from 12 inches to 18 inches, install four each 20-ton air handlers in the North and South Tower filter rooms. Translated into facility terms, NBPO is being asked to increase the raised floor pedestal height (\$2,000), install 600 feet of chilled water pipe (\$60,000), and install four air handlers (\$40,000). The ground floor construction costs would total some \$102,000. This does not include the cost of designing these changes -- an issue addressed below. The adverse schedule impact of designing and implementing these changes to the New Headquarters Building (NHB) at this time is likewise addressed below.

b. First Floor - increase floor loading capability for two Cray computers, redo (add and delete) interior partitions, replace pull boxes with sweeps, add additional conduit and IDF's on first, second, and third floors, revise lighting layout, and provide branch power wiring to equipment racks. Translated into facility terms, NBPO is being asked to steel reinforce the structural flooring to accommodate significantly increased floor-loading and provide increased utility support for the Cray computers (\$175,000), delete 190 lineal feet of partition (\$1,900), add some 1000 lineal feet of partition (\$20,000), add 16 doors (\$9600), add some 600 feet of 4-inch conduit (\$40,000), add several IDF boxes (\$10,000), revise interior lighting (\$30,000), provide branch wiring (based on 50 twenty amp circuits-\$30,000) and provide a special lounge/kitchen/laboratory area (\$100,000). Based on these requests, the first floor construction cost would total some \$416,500. This does not include the cost of designing the requested changes, nor does it address the adverse schedule impact of designing and implementing them in the NHB at this time.

OL 2020-86

c. Second Floor - add cable pass-thru, extend conduits, delete wall and supply/install twenty 415 HZ motor generator (MG) sets. The wall work and cable pass-thru are minor. The four-inch conduit extension is estimated at 1440 feet for a cost of \$100,000. The 20 MG sets have been estimated at \$875,000 for procurement and \$125,000 for installation. Second Floor construction costs would total some \$1,100,000. This does not include the cost of designing these changes, nor does it address the adverse schedule impact of designing and implementing them in the NHB at this time.

2. In summary, the total estimated construction/implementation cost for the changes requested by OIT approximates \$1,750,000. This total is made up of estimated costs of \$1,618,500 and a normal construction contingency of \$131,500. We estimate that the associated architectural and engineering (A&E) design and documentation effort will cost the Agency approximately \$150,000, bringing the total estimated cost of these requested changes to nearly \$2,000,000.

3. In addition to the direct dollar cost of the requested changes, there are severe schedule implications associated with implementing several of them at this time. Were a construction project manager to look at the requested changes in a vacuum, with no relationship to ongoing construction activities, NBPO estimates that all of the requested changes could be implemented within about 120 days. In fact, the current reality in the NHB is dramatically different, and is dramatically different for several reasons. The NHB contractor and the GSA project manager are just beginning to negotiate the cost and schedule impacts of the Headquarters Management Board decisions of November 1985, to change the occupancy roster of the NHB. The contractor will, we anticipate, request a substantial schedule extension to accomplish these changes. In the process, we anticipate that it will attempt to "get well" on all of the schedule slippages that it has incurred for which no funding relief is otherwise appropriate or anticipated. In addition, GSA and the contractor are concurrently negotiating a 90-day funded schedule extension claim resulting from the James River overflow last fall, which prevented the contractor's steel supplier from delivering structural steel to the NHB job site. Further, all of the OIT-requested changes, if implemented, will be accomplished in the Center Section of the NHB -- that portion of the project that has the earliest beneficial occupancy date, and therefore, that portion of the project that currently has the tightest schedule.

4. While the actual impact of the OIT changes requested in the referent memorandum will not be known until they can be formally negotiated by GSA and the contractor, NBPO estimates that the following time frames will be realized:

a. solicit proposals from our A&E, negotiate the A&E contract change, and finalize the NHB-redesign requirements - 2 months.

- b. accomplish the A&E redesign/documentation effort - 4 months
- c. elicit and negotiate the construction change orders - 2 months
- d. schedule delay resulting from the approval of these changes at this point in the NHB construction effort - 11 months (7 months to get there and 4 months to do it).

Readers are cautioned that this estimated adverse impact on the NHB schedule is over and above those currently under negotiation between GSA and the contractor, the preliminary results of which we hope to have in the third week of June 1986.

4. Looked at from a different perspective, we have sorted all of the OIT-requested changes into four categories, this in order to facilitate your review. We make the following recommendations concerning the changes requested. Each individual request has been restated in the attachment to this memorandum.

Category I: These 14 changes, we estimate, will cost some \$308,500. We recommend that all of them be approved. The most significant of these, augmenting the floor strength to support two Cray supercomputers and their associated support equipment, is estimated to cost some \$175,000 alone, and I have already made a commitment to and to OIT that the NBPO will pay for this now.

In addition, we estimate that the A&E costs associated with designing and documenting these changes will approximate \$100,000.

Category II These three items, we estimate, will cost some \$50,000. We recommend that these changes be accomplished after OIT occupies its NHB space, and that this category of changes be accomplished at OIT expense.

Category III: This one item, which we estimate will cost some \$1,000,000 by the time they are installed, must be initiated in the very near term. The only issue is who will pay for the supply and installation of the equipment. There is a long history to this requirement, and I am available to provide the background at your convenience.

Category IV: These four items, we estimate, will cost some \$170,000. We recommend that these items not be implemented in the NHB at all.

5. I am available to discuss these matters with you at your convenience.

Attachment

C O N F I D E N T I A L

OIT- 0372-86

13 MAY 1986

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MEMORANDUM FOR: Director of Logistics

25X1 FROM:

Acting Director of Information Technology

25X1 SUBJECT: New Building Construction Modifications

1. We have been working closely with the New Building Project Office (NBPO) personnel and have reviewed the architectural drawing packages for the Headquarters Expansion Project. We have also had an opportunity to visit the construction site and tour the machine space in the core area which will be occupied by the Office of Information Technology.

2. In evaluating the plans and construction for the New Building and as we move closer to the effort of relocating computer and communication systems, it has become apparent that there are some areas and details of the New Building that will need to be modified. The machine space in the core area needs to satisfy the technical and facility requirements of the new and relocated computer and communications equipment planned for the New Building.

3. Provided as an attachment to this memorandum are modifications to the current planning and construction which we feel need to be incorporated into the New Building. Please evaluate these items and the impact of implementing them during the construction phase. Since many of the items are critical from a system support point of view, it may be more time and cost effective to implement these changes now rather than later.

4. My staff and system contractors are prepared to meet with NBPO personnel and the A&E contractor to discuss the technical ramifications and trade-offs implicit in these changes. Please

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C O N F I D E N T I A L

25X1 SUBJECT: New Building Construction Modifications

25X1 contact or
25X1 for additional
25X1 dialogue on this subject.
25X1

Attachment

C O N F I D E N T I A L

ATTACHMENT

NEW BUILDING CONSTRUCTION CHANGE REQUESTS

6 May 1986

A. Computer Area

Item 1. OIT is planning to install two Cray XMP-24 Processors on the first level of the Computer Center. The location being the 1200 sq. ft. area between columns D12, D13 and E12, E13 and the 700 sq. ft. east of and immediately adjacent to the 1200 sq. ft. defined above which has been defined by NBPO to be a lounge. This area will require a floor loading capacity of 720 lbs. per sq. ft. and 85 KVA of 208 volts and 380 KVA of 460 volts. The estimated air conditioning required for two Cray systems are 480,000 BTUs to air and 1,110 BTUs to water. Removal of the wall between the above mentioned areas. There will not be an operator lounge on the first level.

Item 2. OIT also wishes to restate there is a requirement for 415Hz power to feed the OIT CPUs and should be provided by option 2 of the "415HZ Power Study" prepared by Smith, Hinchman and Grylls.

Item 3. Replacement of the Class "A" vault type wall which separates the Data Center from Communications Center on the first and second levels with a raised floor to ceiling height wall which can be easily removed at a later date.

B. Conduit Distribution System

1. Remove conduit between first and second floors in Area E-13 and establish 10 in. x 36 in. cable chase through second floor slab as shown in Figures 1 and 3 (attached).
2. Construct 6 ft. x 8 ft. cable closet as shown in Figure 3.
3. Extend existing conduit to cable closet (above) as shown in Figure 3.
4. Construct cable slot through second floor slab (8 in. x 32 in.) as shown in Figure 3.
5. Remove pull boxes in first floor locations C-14 and C-16 and replace with conduit sweeps as shown in Figure 1.
6. Add conduit runs on first floor from closets 1F003 and 1F005 to Secure Cable Vault as shown in Figure 2.
7. Establish six (6) non-secure IDF closets in conjunction with (existing) 8 in. x 32 in. cable chases at building support columns as shown in Figure 6.
8. On the first floor place conduit from the non-secure cable vault to new IDF closets (above) as shown in Figure 6.

C. First Floor Communications Center Modifications

Item 1. The walls shown on Headquarters Expansion, Bid Package 2, drawing number 9 - E4 - 18, that make up the North, East and South walls of room 1F006 should be deleted so that room 1F008 encompass the area of room 1F006 (i.e. delete room 1F006).

Item 2. Remove wall forming shaft for secure conduit risers as shown in Figure 4.

Item 3. Construct new cable vaults (on-slab) as shown in Figure 5. Walls shall be concrete block.

Item 4. Construct walls and doors in accordance with the layout of operational areas as shown in Figure 5. Walls shall be raised floor to lowered ceiling, gyp-board construction with integral vents to allow air conditioning air return flow. SVS Tech Shop area shall follow the design requirements for a secure, vaulted area.

Item 5. Relocate air conditioning units and PDM's in area as shown in Figure 5.

Item 6. Revise ceiling lighting plan in equipment areas, placing light fixtures between equipment rows to allow proper equipment illumination.

Item 7. Add operator's lounge, kitchen and lavatory as shown in Figure 5.

Item 8. Provide underfloor branch wiring from PDM's to equipment shown in Figure 5. Specific equipment electrical requirements are to be supplied NLT 19 May 1986.

D. Second Floor Communications Center Modifications

Item 1. The wall shown on Headquarters Expansion, Bid Package 2, drawing number 9 - E4 - 31, that separates room 2H006 from room 2F010, should be deleted so that room 2H010 encompass the area of room 2H006 (i.e. delete room 2H006). The space identified as 2H006 should be equipped with 18 in. raised floor with integral cooling plenums (as opposed to office fit-up).

Item 2. The walls shown on Headquarters Expansion, Bid Package 2, drawing number 9 - E4 - 31, that make up the South and West wall of room 2F008 should be deleted so that room 2H010 encompass the area of room 2F008 (i.e. delete room 2F008).

E. Ground Floor Link Room Modifications

Item 1. Provide Rooms OC012 and OG038 with 18 in. raised floors with integral cooling plenums (as opposed to existing 12 in., non-cooling plenums). Provide two (2), 20-ton air conditioning units in each of these areas.

C O N F I D E N T I A L

OIT-0891-82
15 OCT 1986

MEMORANDUM FOR: Chief, New Building Project Office, OL

25X1 FROM:

Chief, New Building Communications Program
Office, OIT

25X1 SUBJECT:

New Headquarters Building Access

REFERENCE:

NBPO/OL Memo, dated 23 September 1986,
Same Subject

1. The New Building Communications Program Office (NBCPO) has identified several areas in the New Headquarters Building (NHB) which will require early access. Early access to these key areas is needed to provide the communication facilities and support required by Security and Safety on the Beneficial Occupancy Date (BOD), estimated in the reference as 1 September 87 (for the Core Area and North Tower).

2. Also to provide the staff communications capabilities required on the Personnel Occupancy Date (POD), (i.e. staff occupancy, of any part of the New Building), currently TBD but which we anticipate to be o/a 1 January 87, early access will be required to install long lead items such as the secure and non-secure grids and switch facilities.

3. We have reviewed our planning schedules and have established a prioritized list of areas in the NHB which will require early access. These areas along with their facility, security and access requirements are presented as an attachment to this memorandum.

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C O N F I D E N T I A L

C O N F I D E N T I A L

25X1 SUBJECT: New Headquarters Building Access

25X1 4. Please contact should you
25X1 require additional details or discussion on this request.

25X1

Attachment:
As Stated

C O N F I D E N T I A L

October 14, 1986

NBCPO's NHB Early Access Requirements

PRIORITY I -- North B/B Link Room (0C012): NBCPO early access to this area is required for site preparation and hardware installation to support Security and Safety communication systems that need to be operational at BOD and to support the interconnectivity of the Secure and Non-Secure PBX systems.

- o Utility Req.'s : At NBCPO access, air handling units, heating system and utility power are required to be installed and functional in this area. The computer floor, lighting and under floor ducting must be installed and functional. Red/Black UPS power (PDM's) are desirable at NBCPO access but is required NLT 30 days after.
- o Security Req.'s: At NBCPO access, area must be able to be physically secured. Vault type room (VTR) security need not be available until minus 30 days BOD.
- o Access Req.'s: NBCPO access to this area is required 01 May 87.

PRIORITY II -- First Floor C/C Area (1F006 & 1F008): NBCPO early access to the First Floor Comcenter area which encompasses rooms 1F006 & 1F008 (from column line 13 through 18 in Bid Package 2, Volume 7 drawings) is required for site preparation and hardware installation to support the Secure and Non-Secure telephone PBX's.

- o Utility Req.'s: At NBCPO access, computer floor, lighting, air handling units, heating system and utility power are required to be installed and functional. Red/Black UPS power units (PDM's) are desirable but required NLT 30 days after NBCPO access. Changes as outlined in the OL memorandum (dated 5 June 86) as Category I items, need to be completed at NBCPO access
- o Security Req's: At NBCPO access physical control of this area is required. Area must be fully securable NLT 60 days after NBCPO access.
- o Access Req's: NBCPO access to this area is required 120 days prior to the Personnel Occupancy Date (POD), i.e. staff occupancy of the any part of the New Building.

PRIORITY III -- North Tower, South Tower and Core Area Riser

Closets: Early access to the Secure and Non-Secure electrical (wire) closets is required, on all floors of the North Tower, South Tower and the Core Area, to facilitate the installation of the riser portion of the voice and data grids in these areas.

- o Utility Req's: Access to utility power and lighting in the electrical closets is required to facilitate cable pulling and termination.
- o Security Req's: At NBCPO access physical control of these areas is required.
- o Access Req's: NBCPO access to the North Tower, South Tower and Core Area wire closets is required 90 days prior to POD.

PRIORITY IV -- North Tower, South Tower and Core Area Floor Cell and Distribution Conduit: Early access to Secure and Non-Secure floor cell (cable ducting) and the Secure and Non-Secure building conduit distribution system is required in all of the North Tower, South Tower and the Core Area, to facilitate the installation of station cable from the electrical wire closets to the station terminal locations. A Phase access plan where two or more floors are available at any one time would be acceptable.

- o Utility Req's: Utility power, lighting and installed computer floor are required to facilitate the pulling and termination of cables.
- o Security Req's: None.
- o Access Req's: NBCPO contractor access to any two or more floors is required 90 days prior to POD.

PRIORITY V -- Second Floor C/C Area (2F008 & 2F010): NBCPO early access to the Second Floor Comcenter area which encompasses rooms 2F008 and 2F010 (from column line 13 through 18 in Bid Package 2, Volume 7 drawings) is required for site preparation and hardware installation for project Mercury.

- o Utility Req's: At NBCPO access, computer floor, lighting, air handling units, heating system and utility power are required to be installed and functional. Red/Black UPS power units (PDM's) are desired but are required NLT 30 days after NBCPO access. Changes as outlined in the OL memorandum (dated 5 June 86) as Category I items, need to be completed at NBCPO access.
- o Security Req's: At NBCPO access physical control of this area is required. Area must be fully securable NLT 60 days after NBCPO access.
- o Access Req's: NBCPO access to this area is required NLT 60 days following NBCPO's access to the First Floor C/C area, rooms 1F006 & 1F008.